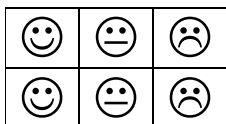


ARCS and SECTORS

A: I can describe parts of a circle.



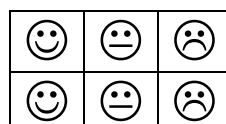
B: I can calculate the arc of a circle given the angle at the centre



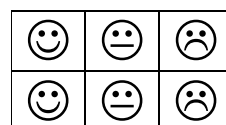
C: I can calculate the area of a sector of a circle given the angle at the centre.



D: I can calculate the angle at the centre of a circle given an arc length.



E: I can calculate the angle at the centre of a circle given the area of a sector.

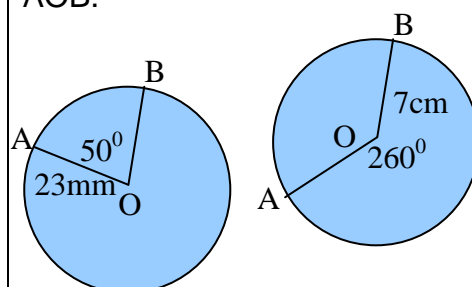


F: I can solve problems involving arcs and sectors.

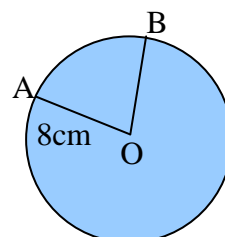


What is an arc?
What is a sector?

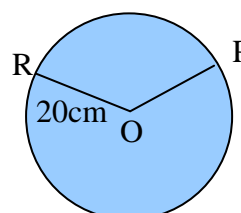
In the following circles calculate:-
a) the length of the minor arc AB.
b) the area of the major sector AOB.



Calculate the angle AOB at the centre of the circle.
Arc AB is 7cm.



Calculate the angle at the centre of the circle when sector POR is 453cm^2 .



Find the perimeter of this shape.

